



Lake Creek Watershed Flood Mitigation QUARTERLY PROJECTS UPDATE



APRIL 2016

Recent Accomplishments

- ✓ Dam 101 – The engineer finalized modeling and analysis that set a few key parameters including the top of dam elevation. This is one of the final steps required to determine future easement needs.
- ✓ Dams 101 & 102 – The engineer completed analysis of the onsite and near site material sources that could be used to build the dam including potential quantities, comparative costs, and likelihood of quality.
- ✓ Dam 102 – The potential dry utility conflicts were identified and verified through field work. The appropriate agency was consulted regarding any necessary modifications of the proposed design.

Current Activities

COORDINATION & FUNDING

- The City and UBCWCID are developing strategies with several partner permitting agencies to streamline the regulatory process as much as practicable. Efficient permitting can result in time and cost savings.

DESIGN & PERMITTING

- Dam 101 - The engineer is preparing a proposal for the completing the first phase of design. The City anticipates completing negotiations and moving forward with that proposal by the end of the summer.
- Dam 102 - The UBCWCID Board is anticipated to take action in fiscal year 2016 that would authorize preliminary design and permitting phases. The first step will be to complete the concept design, which will identify the optimal location and height of the dam based on field conditions, and will determine future easement needs.

Next Major Milestones

DAM 101

- Project goal is to start preliminary design by summer 2016.

DAM 102

- Project goal is to start preliminary design by summer 2016.

Project Managers

Dam 101

Alysha Girard, PE, CFM
City of Round Rock
512.218.6646
agirard@roundrocktexas.gov

Dam 102

Chris Tschirhart, PE, MBA, PMP, CFM
UBCWCID
512.284.7685
chris.tschirhart@upperbrushycreekwcid.org